

INTERNATIONAL SEARCH REPORT

International application No.
PCT/AU03/01456

A. CLASSIFICATION OF SUBJECT MATTER												
Int. Cl. ⁷ : C01B 33/24 C04B 28/20												
According to International Patent Classification (IPC) or to both national classification and IPC												
B. FIELDS SEARCHED												
Minimum documentation searched (classification system followed by classification symbols) C01B 33/24												
Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched												
Electronic data base consulted during the international search (name of data base and, where practicable, search terms used) WPAT, JAPIO (IPC and keywords)												
C. DOCUMENTS CONSIDERED TO BE RELEVANT												
Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.										
<input checked="" type="checkbox"/> X	WO 01/14274 A (MATHUR) 1 March 2001. See pages 15-19.	1, 16, 25										
<input checked="" type="checkbox"/> X	WO 98/45222 A (JAMES HARDIE) 15 October 1998. See claims 3 and 26.	1, 16, 25										
<input checked="" type="checkbox"/> X	EP 78119 B (HORTON) 11 September 1985. See page 2.	1, 16, 25										
<input checked="" type="checkbox"/> X	GB 99702 A (JOHNS-MANVILLE) 7 July 1965. See exs 1-3.	1, 16, 25										
<input checked="" type="checkbox"/> X	Derwent Abstract Accession Number 89-161597/22, Class E33 J04 L02, JP01-103914 A (DENKI KAGAKU KOGYO) 21 April 1989.	1, 16, 25										
<input checked="" type="checkbox"/> X Further documents are listed in the continuation of Box C		<input checked="" type="checkbox"/> X See patent family annex										
<p>* Special categories of cited documents:</p> <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 30%; padding: 2px;">"A" document defining the general state of the art which is not considered to be of particular relevance</td> <td style="width: 30%; padding: 2px;">"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention</td> </tr> <tr> <td style="padding: 2px;">"E" earlier application or patent but published on or after the international filing date</td> <td style="padding: 2px;">"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone</td> </tr> <tr> <td style="padding: 2px;">"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)</td> <td style="padding: 2px;">"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art</td> </tr> <tr> <td style="padding: 2px;">"O" document referring to an oral disclosure, use, exhibition or other means</td> <td style="padding: 2px;">"&" document member of the same patent family</td> </tr> <tr> <td style="padding: 2px;">"P" document published prior to the international filing date but later than the priority date claimed</td> <td style="padding: 2px;"></td> </tr> </table>			"A" document defining the general state of the art which is not considered to be of particular relevance	"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention	"E" earlier application or patent but published on or after the international filing date	"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone	"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)	"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art	"O" document referring to an oral disclosure, use, exhibition or other means	"&" document member of the same patent family	"P" document published prior to the international filing date but later than the priority date claimed	
"A" document defining the general state of the art which is not considered to be of particular relevance	"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention											
"E" earlier application or patent but published on or after the international filing date	"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone											
"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)	"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art											
"O" document referring to an oral disclosure, use, exhibition or other means	"&" document member of the same patent family											
"P" document published prior to the international filing date but later than the priority date claimed												
Date of the actual completion of the international search 1 December 2003	Date of mailing of the international search report - 8 DEC 2003											
Name and mailing address of the ISA/AU AUSTRALIAN PATENT OFFICE PO BOX 200, WODEN ACT 2606, AUSTRALIA E-mail address: pct@ipaaustralia.gov.au Facsimile No. (02) 6285 3929	Authorized officer JAMES DZIEDZIC Telephone No : (02) 6283 2495											

INTERNATIONAL SEARCH REPORT

International application No.
PCT/AU03/01456

C (Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT		
Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	Esp@cenet Abstract of JP 11079729 A (CHICHIBU ONODA CEMENT CORP) 23 March 1999.	1, 16, 25
X	Derwent Abstract Accession Number 84-103798/17, Class L02, JP59045953 A (ASAHI CHEMICAL IND KK) 15 March 19894.	21
X	US 5709743 A (LETURE) 20 January 1998. See claim 1.	11

INTERNATIONAL SEARCH REPORT

Information on patent family members

International application No.

PCT/AU03/01456

This Annex lists the known "A" publication level patent family members relating to the patent documents cited in the above-mentioned international search report. The Australian Patent Office is in no way liable for these particulars which are merely given for the purpose of information.

Patent Document Cited in Search Report				Patent Family Member			
WO	0114274	AU	69411/00	CA	2382869	EP	1235758
WO	9845222	AU	69111/98	EP	973699	NZ	500215
		US	6346146	US	6506248	ZA	9803063
GB	997202	BE	621944				
US	5709743	CA	2168253	EP	711259	FR	2708592
		WO	9504007				
EP	78119	DK	476782	NO	823481		

END OF ANNEX